



# The Record

The University of Tennessee Health Science Center

October 15, 2003

## UTHSC Awarded \$14 M for Biodefense Research

The University of Tennessee Health Science Center (UTHSC), in collaboration with several primary partners, has been awarded a cooperative agreement for approximately \$14 million from the National Institute of Allergy and Infectious Diseases (NIAID) to construct a Regional Biocontainment Laboratory (RBL) that will be used for biodefense and microbiological research related to serious emerging infections. The NIAID is part of the National Institutes of Health.

This announcement follows an influx of NIAID funding for biodefense research to the Region IV Regional Center of Excellence (RCE) for Biodefense and Emerging Infectious Diseases Research, of which UTHSC is an affiliate. Funding for these efforts will provide support for the research,

whereas the RBL grant will provide money for specialized facilities to carry out parts of this research that has to be done in a highly secure environment. Primary RBL partners include the Memphis BioTech Foundation and The Jackson Laboratory.

According to principal investigator and UTHSC vice chancellor for research, Mike Dockter, PhD, "This opportunity allowed each of us to excel in what we're good at doing. Our internationally recognized researchers in mouse genetics will use new approaches

to discover genes responsible for diseases. The Memphis BioTech Foundation will provide the location adjacent to



*Dr. Mike Dockter announces the NIH support for UT biodefense research at a news conference.*

university research facilities and will help attract new businesses; and The Jackson Laboratory, which will supply resources and training, will also expand the already existing mouse models of human disease at UTHSC. This grant represents

more than just a cornerstone for Memphis' biotech park, but also a crucial part of the foundation of regional medical research."

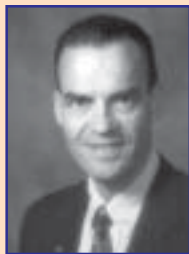
The facility will consist of a suite of highly secure biosafety laboratories, as well as space for training, security and support.

UTHSC's director of biodefense research and professor, Malak Kotb, PhD, stressed that the inter-institutional and multidisciplinary collaboration between groups with genetic and infectious disease expertise will ensure widespread use of hundreds of novel mouse strains in this RBL facility.

Dr. Kotb said, "This biodefense-related research will provide critical, new knowledge on mechanisms and genetic factors that influence how bacteria and viruses cause disease. We expect that this unprecedented, collaborative research that will take place in this RBL facility will generate discoveries that will lead to early diagnosis, vaccine development, new treatment and perhaps even eradication of potentially catastrophic infectious diseases."

## UT College of Pharm. Establishes Minority Center of Excellence

The UT College of Pharmacy received a three-year, \$2.6 million grant from the Health Resources and Services Administration of the U.S. Department of Health & Human Services to fund a Minority Center of Excellence.



*Dr. James Eoff*

also be placed on research, said James Eoff, PharmD, executive associate dean and principal investigator of the grant.

The UT College of Pharmacy has more than doubled its percentage of minority students in the last 10 years and has the highest percentage (17 percent) of African-American students of any non-minority pharmacy school. Additionally, the college has tripled its number of minority faculty within the last three years.

"The UT Center for Health Disparities serves as the nucleus of the minority health research efforts on campus, and it has a significant number of ongoing research projects on minority health," said Dr. Eoff. "We hope to collaborate and expand on those projects."

The minority center will provide an array of workshops, diversity programs and resources to help improve academic performance, training and retention, as well as understanding of minority health issues. Emphasis will

The UT Child Care Program was recently awarded reaccreditation with the National Association for the Education of Young Children (NAEYC) for a five-year period. This is the premiere accreditation association in early childhood education.

Marsha Ewart, director, has been selected to go through validator's training with the association. Also, Rene Miller, pre-kindergarten teacher, will be presenting two workshops at the Tennessee Association for the Education of Young Children at their annual conference during the week of October 9.

## The Record

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### Mission Statement

The mission of The University of Tennessee Health Science Center is to improve human health through education, research and public service, with an emphasis on improving the health of Tennesseans.

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# Hamilton Eye Institute News

## Construction Underway

Construction began this past July on ten state-of-the-art research laboratories on the seventh floor of the 930 Madison Ave. building, site of the Hamilton Eye Institute.

The second, third and fourth floors will contain clinical facilities for ophthalmology faculty, and construction is expected to begin on those floors early next year.

Last month, Barrett Haik, MD, the Hamilton Professor and chair of the department of ophthalmology, Dianna Johnson, PhD, the Roger L. Hiatt Endowed Professor and director of research, and Eldon Geisert, PhD, director of the vision research center, toured the facility with Sandra Taylor and Ellen Douglas of the Knapp Founda-

tion. The Knapp Foundation awarded a generous grant to the institute for creation of the research facility in 2000.

"We are all delighted that the construction is underway, and want to share our excitement with those, such as the Knapp Foundation, who have supported us since the early phases of this project," said Dr. Haik.



*Pictured, left to right, Sandra Taylor, Dr. Barrett Haik, Dr. Dianna Johnson, Ellen Douglas and Dr. Eldon Geisert tour the site of the new Hamilton Eye Institute.*

## Hamilton Eye Institute Receives \$7.7 Million Property Gift

The Hamilton Eye Institute will be the beneficiary of an anonymous gift to the University of Tennessee Health Science Center.

Dr. Joe Johnson, interim president, announced the gift at the UT Development Council meeting in Knoxville. He praised the role of the UT Foundation in obtaining the \$7,740,000 gift.

James A. Haslam II, chairman of the UT Foundation board, said the gift consisted of interest in an out-of-state commercial property. It is the first large gift the foundation, established in 2001, has been instrumental in obtaining for the university, Haslam said.

"The anonymous donors wanted to give the university the remainder interest of this commercial facility once the note from the income-producing property is paid off," Haslam said. "Gifts like this are complex, but the UT Foundation was created to accept gifts like this that will ultimately benefit the university."

In 2002, the donors approached Dr. Barrett Haik, Hamilton Professor of Ophthalmology, about making a gift to fund research on finding a cure for glaucoma.

Haik praised the donors for their generosity and for the impact the gift will have on the institute's mission to prevent blindness.

# People

**James A. Katancik, DDS, PhD**, associate professor and director of advanced education in the department of periodontology in the College of Dentistry, was awarded the 2003 Tarrson Fellowship by the American Academy of Periodontology Foundation at its recent meeting in San Francisco. The Tarrson Fellowship seeks to enhance the top-quality instruction already provided by continuing to attract gifted students and clinicians to academic positions through financial support. The Fellowship provides \$10,000 annually for three years directly to the recipient.

**Dominic M. Desiderio, PhD**, professor in the departments of neurology and molecular sciences, and the director of the Charles B. Stout Neuroscience Mass Spectrometry Laboratory, has received five years of funding from the National Institute on Drug Abuse. He is a participant on an NIH project with his colleagues at Cornell Medical School and in Montreal, Canada.

**Charmagyne Akram**, senior administrative assistant in the College of Medicine, announces the birth of her granddaughter, Sajdah Shaheedah Rasheed, on Sept. 16, 2003. She weighed six pounds, seven ounces and is the daughter of Aqueelah and Luqman Rasheed.



*Sajdah Shaheedah Rasheed*

**Surya Shah, PhD**, professor of occupational therapy at UTHSC, was presented the Award of Excellence for Exemplary Leadership in Setting Standards of Excellence in Research in the Field of Occupational Therapy at the annual conference of the Tennessee Occupational Therapy Association.



*On September 25, the UT College of Medicine office of faculty affairs presented a new faculty orientation program for all faculty newly appointed during the past fiscal year. The program included presentations by various members of the college administration, including Dean Hank Herrod who outlined the college's Vision for the Future. The keynote speaker, Janet Bickel, a faculty development consultant, provided a brief overview of "How to Manage your Own Academic Career." Methodist University Hospital co-sponsored and hosted the event, providing the meeting rooms, support staff and refreshments.*

## 2004 Holiday and Closing Schedule

**New Year's Day holiday**  
Thursday, January 1

**Martin Luther King, Jr. holiday**  
Monday, January 19

**Spring holiday**  
Friday, April 9

**Memorial Day holiday**  
Monday, May 31

**Independence Day holiday**  
Monday, July 5

**Labor Day holiday**  
Monday, September 6

**Thanksgiving Day holiday**  
Thursday, November 25  
Friday, November 26

**Winter holiday**  
Friday, December 24 through  
Thursday, December 30

**2005 New Year's Day holiday**  
Friday, December 31, 2004

If you have activities that must be carried on during the holiday or closing periods, you are expected to make necessary arrangements with staff members. Essential university services must be executed during this period.

The Walking Group leaves the Student Recreation Center at noon on Fridays to take a walk downtown and back. The walk lasts about an hour and covers approximately three miles. Please join the group for an afternoon jaunt. For more information call Gina Blunt at 448-5416.

## Hypertension Research Day Scheduled

Jonathan H. Jaggar, PhD, assistant professor in the department of physiology, will be one of four speakers presenting cutting-edge clinical and basic science lectures at the E. Eric Muirhead Hypertension Research Day Wednesday, Nov. 5. Presentations will be held from 8 a.m. to 12:15 p.m. in the north auditorium of the Coleman building.

E. Eric Muirhead, MD, made numerous contributions to hypertension research and the community. What was supposed to be a one-time symposium in his honor has grown into an annual event.

## Cashdollar DVP Promoting Respect in Palliative Care

The College of Nursing will hold the William T. Cashdollar Distinguished Visiting Professor (DVP) Lecture beginning at 9 a.m., Friday, Nov. 14, at Christ United Methodist Church.



*Dr. Cynda Rushton*

Cynda Rushton, DNSc, RN, FAAN, assistant professor of nursing and faculty of the Bioethics Institute at Johns Hopkins University, and clinical nurse specialist at Johns Hopkins Children's Center in Baltimore, Md., will present, "Respect as a Foundation for Palliative Care: Being with Dying." Following the lecture, there will be a panel discussion addressing pediatric palliative care.

Continuing education contact hours will be awarded to nurses who attend.

For more information, contact Missy Robinson at 448-6407 or visit [www.utmem.edu/nursing/conted](http://www.utmem.edu/nursing/conted)

## Muriel Rice Gives Back as Student Mentor

Besides teaching at UTHSC, establishing a program of research and practicing as a women's health nurse practitioner, Muriel Rice, PhD, RNC, takes time out of her busy schedule to mentor Memphis high school and undergraduate students.

For over 20 years, she has helped young, African-American students with research endeavors that target minority health issues.

"The African-American population has to deal with a number of chronic diseases such as diabetes, hypertension and obesity," said Dr. Rice. "Getting students involved in research is one more way to educate the population about modifiable risk factors associated with these disorders."

Dr. Rice is currently mentoring one of her most prized students. Jada Johnson, an honor student at Central High School, recently won third place at the national competition of the NAACP Afro-American, Cultural, Technological and Scientific Olympics (ACT -SO). This marked the first time a student from Memphis re-

ceived a medal in the science (biology) category in 27 years.



*Muriel Rice, assistant professor in the College of Nursing, goes over statistics with Jada Johnson, a participant in Rice's student mentoring research program.*

Her winning project was titled, "What are Risk Factors of Cardiovascular Disease in African-American Women?"

Johnson is a student worker participating in the Metropolitan Inter-Faith Association Teen Job Services program.

"She is a hard-working, accomplished individual, and I expect her to go far," said Dr. Rice. "It is so gratifying to see these students grow intellectually and come to appreciate research."

## Committee for Women Honored by National Association

The American Association of University Women (AAUW) Legal Advocacy Fund awarded the UTHSC Committee on the Status of Women an honorable mention citation for the 2003 Progress in Equity Award.

The Committee on the Status of Women was established at UTHSC in 1999 under the direction of Dianna Johnson, PhD, the Roger L. Hiatt Professor of Ophthalmology and assistant

dean for faculty affairs, and Joan Chesney, MD, UT professor of pediatrics and associate dean of academic programs at St. Jude Children's Research Hospital. Since its inception, the number of women in leadership positions has increased, and greater access has been provided to key committees. Additionally, programs and policies to combat sexual harassment and mentoring programs for junior faculty have been put into place.

## HCOP Hires New Director, Establishes New Curriculum

Each year approximately 150 students participate in the Saturday Science Academy or the summer program of U T H S C ' s Health Careers Opportunity Program (HCOP). The HCOP curriculum is designed to enrich and prepare disadvantaged students in the Shelby County area for careers in medicine, dentistry, pharmacy and allied health.



*Tajuana Redmond*

Housed under the Health Careers Program, HCOP is the oldest of nine programs developed through federal grant funding. Its new director, Tajuana Redmond, joined UTHSC in September.

The program is expanding in 2004, with the addition of a cultural component. Besides hands-on training and mentoring in the health sciences, new HCOP students will also receive cultural counseling.

“Physicians come in contact with people from other cultures in emergency rooms, clinics and waiting rooms,” said Redmond. “In some instances, a simple greeting can be awkward and confusing for both the doctor and the patient. That’s why it’s never too early to incorporate cultural awareness into a program of this kind.”

The deadline to apply for the 2004 Saturday Science Academy is Nov. 15, 2003 and deadline for participation in the summer program is Feb. 28, 2004. For more information, call 448-8418 or e-mail [pacampbell@utm.edu](mailto:pacampbell@utm.edu).

### BOO FLU Day

Friday, October 31, 2003  
Lobby of the Plaza Buildings  
8:30 a.m. to 4:30 p.m.

Free Flu shots for UTHSC students and employees (with ID)

# Library News

## Library Invites New Faculty, Fellows and Residents to Open House

The Health Sciences Library invites all faculty, fellows and residents to an open house on Thursday, October 23, from 3 to 6 p.m. We’re honoring new members to the campus, showcasing our new products and providing an update on library services.

You’ll have a chance to meet fellow faculty and residents, and we’re going to splurge on celery sticks and cookies! More importantly you’ll have an opportunity to speak with the library’s resident experts on a variety of services – from the technical help available for video streaming and computerized testing, to test scoring and database search assistance. Did you know we have an in-house scientific editor to help you polish those hoped-for publications and grant applications? We’ll have staff available to decipher once and for all how to enter online

document orders, and we’ll show you a quick way to verify citations that are missing important elements.

We hope you’ll have a look at our new products such as BioMedNet Reviews, ScienceDirect, Mouse KnockOut & Mutation Database, STAT!Ref and the Neighborhood Change Database. In addition, we’ll do short demonstrations on how to find your favorite journal’s ISI Impact Factor and use EndNote. We’ll try to explain both the mysteries of video streaming and accessing our 1,400 full-text journals from off-campus. We’ll provide brief 15-minute presentations on our services and resources in the main reading room, as well as answer your questions. Be sure to bring your UT ID badge so you can be registered for off-campus library services.

### Database and E-journal Workshops

The Health Sciences Library is introducing two new e-journal collections and a searchable database of phenotypic and genotypic information with a series of workshops. Lisa Layton, Elsevier Science Training Manager, will visit the campus on Thursday and Friday, October 23 and 24, for a series of four training workshops to present ScienceDirect, BioMedNet Reviews and Mouse KnockOut & Mutation Database. Workshops will be presented in conjunction with the library’s celebration of National Medical Librarians’ Month. For registration information call the reference desk at 448-5404, e-mail [utlibrary@utm.edu](mailto:utlibrary@utm.edu).

### Other Workshops

Learn how to search over 25 healthcare databases and 1,300 electronic journals, as well as online textbooks and programs. The library is also offering tours and brief demonstrations of INNOPAC, the online catalog.

#### *Library Orientation*

9-10:30 a.m., Nov 6, Dec. 4

#### *Accessing Online Resources*

10-11:30 a.m., Oct. 8, Nov. 12, Dec. 10

#### *Intermediate Ovid*

9-10:30 a.m., Oct. 9, Nov. 13, Dec. 11

#### *Personal Digital Assistant (PDA)*

10-11:30 a.m., Oct. 22, Nov. 20

#### *PubMed (MEDLINE)*

9-10:30 a.m., Oct. 14, Nov. 11, Dec. 9

To register, e-mail [bfgreen@utm.edu](mailto:bfgreen@utm.edu).



On Friday, Oct. 10, former Transportation secretary Rodney Slater was on campus meeting with biotech industry leaders to discuss a proposal that would market the stretch of Interstate 40 between Memphis and Little Rock as a biotech corridor. Pictured, Slater is talking with UTHSC biodefense research director, Malak Kotb, PhD, who has been instrumental in campus efforts to land NIH funding for biodefense research.

## TIAA-CREF Consultant on Campus to Conduct Financial Counseling

Setting up a long-term financial plan can be a complicated task. It involves evaluating your potential income sources, and then factoring in the impact of taxes, inflation and the larger economic picture. Meeting with a TIAA-CREF individual consultant can help you sort things out and make informed decisions.

A TIAA-CREF individual consultant will be on campus to conduct free individual counseling sessions from Tuesday, Oct. 21, to Friday, Oct. 24. The consultant will be available from 8:30 a.m. to 5 p.m. in the personnel services conference room in the Beale Building.

Those interested in signing up for a counseling session should visit [www.tiaa-cref.org/moc](http://www.tiaa-cref.org/moc) or call Michael Odom at (800) 842-2003.

## UTHSC Researcher Links Malpractice Suits to Schools Physicians Attend

Teresa Waters, PhD, associate professor in the UTHSC Center for Health Services Research and department of preventive medicine, had the results of her medical malpractice study published



Dr. Teresa Waters

in the October 7 edition of the British medical journal *Quality and Safety in Health Care*. Dr. Waters has found that graduates of certain U.S. medical schools are more likely to be sued than others.

By merging data on malpractice claims with a comprehensive database of physicians practicing in Indiana, Maryland and Florida, Dr. Waters was able to calculate the proportion of a medical school's graduates sued in those states between 1990 and 1997. She found that graduating from a medical school whose previous graduates were often sued significantly increased a physician's

likelihood of being sued.

"This is the first time we've been able to find a link between physician training and subsequent probability of being sued for medical malpractice," she said. "The next question to be answered is why."

There are a number of possible explanations to the findings, she said, such as deficiencies in a school's curriculum or consistent differences in the type of students certain institutions attract. Results also showed public schools had higher percentages of graduates sued, as did "younger" medical schools. Additionally, schools with smaller residency programs had lower percentages of their graduates sued.

Her current research is focusing on residency programs and malpractice prevention in medical schools.

"It's an important next step," said Dr. Waters. "By comparing what is going on in schools that seem to be doing well with those that are not, we may be able to document best practices in education."

## Contribute to *The Record*

*UT Staff and Faculty,  
We Need Your Info!*

Please submit personal and professional news, such as births, weddings, anniversaries, promotions, etc. to [bwiuff@utmem.edu](mailto:bwiuff@utmem.edu) or call 448-4954.

Let the UT community share in your news by getting it published in *The Record*.

# Minutes

## Library Advisory Committee Health Sciences Library and Biocommunications Center

September 17, 2003

Present: Dr. David Armbruster, Lois Bellamy, Alan Levy, Dr. David Nutting, Richard Nollan, Dr. Waldemar de Rijk, Susan Selig, Dr. Tom Singarella, Dr. Herb Zeman

Absent: Dr. Naseem Amarshi, Beth Bowman, Ryan Kendall, Dr. Muriel Rice, Dr. Hugh Vaughn

Dr. Herb Zeman, committee chair, called the meeting to order at 2:00 p.m. He welcomed everyone to the first meeting of the new academic year, and committee members introduced themselves. Dr. Zeman turned the meeting over to Dr. Singarella, who announced that Dr. Zeman had agreed to continue the same format for the Library Advisory Committee bimonthly meetings as has been done in past years. He stated that the purpose of the committee was to serve in an advisory capacity to the library director.

In his library overview, Dr. Singarella announced that the budget for fiscal year 2003-2004 has remained at the same level as the previous fiscal year. In November 2002, the library received an addition of \$600,000 to its budget from former Chancellor Bill Rice. This was the result of a proposal Dr. Singarella sent to Dr. Palazzola, who then took it to Chancellor Rice about the basic needs of the library. The library added databases and new journals. Due to a 5 percent impoundment in the spring of 2003, the library was required to return \$100,000 of the money.

Historically, journal subscriptions have increased 8-12% each year. The library is currently spending over \$1,000,000 on its collection to meet campus needs. The director requests extra funds each year from the Chancellor's

office to cover journal inflation costs increases so that no journals need to be cut from the collection. Online journal titles continue to increase each year. The library has no budget earmarked for books, per se.

The goal of the library is to bring the UT Health Sciences Library collection to the national mean. The focus this year is to maintain current holdings without cutting the number of titles in light of a possible campus fiscal impoundment.

Dr. Singarella discussed the pay-for-print option for public computer printers. Research is being done for a charge-back system that allows a certain number of free copies to be made available to our faculty and students.

The need to replace the worn library carpet was discussed. Dr. Nutting suggested that we ask the Chancellor's Roundtable for money to replace library carpet. Several years ago the library received a cost-estimate of \$175,000 to remove old library carpet and replace it with new carpet.

The library has been able to fill three vacant faculty positions: Lin Wu, instructor, reference services librarian; Jennifer Watson, instructor, electronic services librarian; and Steve Golanka, assistant professor, access services librarian.

Dr. Armbruster, Scientific Editor, made a presentation on the library communications efforts. It was agreed that the redundancy of the library TIPS, INFOnews and news in the Record has been well received and worth the effort. The library's web page is continually updated, and there are plans to update the library's orientation video during the coming year.

Lois Bellamy, Coordinator for Electronic Services, reported that Jennifer Watson is now responsible for access to the online journals. Electronic Services has established a new e-mail address for those having questions or problems accessing our online resources. Users may send messages to e-services@utm.edu. Someone from Electronic Services will respond promptly to questions or comments.

Dr. Armbruster reported that a library committee is investigating copyright restrictions for electronic reserves and will develop and post a policy.

With no further business the meeting was adjourned at 3:10 PM.

**October**

- 16** "Role of Cation-Chloride Cotransporter in Synaptic Transmission"  
*Dr. Eric J. Delpire*  
12 p.m., Link Auditorium
- 17** "Coatings and Mechanics - Cell-substrate Interactions for Osseo-integration"  
*Dr. Joel D. Bumgardner*  
3:30 p.m., Coleman South Auditorium
- Neurology Grand Rounds Seminar, title TBA  
*Dr. Elliott Frohman*  
8:15 a.m., Link Auditorium, 2<sup>nd</sup> floor
- 18** UT Campus-Wide Residency Fair  
3-6 p.m., Holiday Inn Select: Grand Ballroom
- 20** "New Insights into Interferon Signal Transduction"  
*Dr. Larry Pfeffer*  
4 p.m. Link Auditorium
- 21** "Mechanisms by Which Cytokines Affect the HPA Axis and Behavior"  
*Dr. Adrian J. Dunn*  
12 p.m., Link Auditorium
- 22** "Current Paradigms in the Management of DVT"  
*Dr. Suresh Kari*  
8 a.m., Coleman North Auditorium
- 24** "Biological Knowledge Discovery Through the Analysis of Microarray Data"  
*Dr. Yan Cui*  
3:30 p.m., Coleman South Auditorium
- "Carotid Artery Dissection"  
*Dr. Michael Jacewicz*  
8:15, Link Auditorium, 2<sup>nd</sup> floor
- 27** "Nothing Succeeds Like Success: Unit B Cell Homeostasis and Selection with BlyS"  
*Dr. Michael Cancro*  
4 p.m.. Link Auditorium

- 28** "How do Drugs of Abuse Rewire the Motivational Circuitry"  
*Dr. Marina Wolf*  
12 p.m., Link Auditorium
- 29** "PAX3-FKHR in Alveolar Rhabdomyosarcoma"  
*Dr. Gerard Gosveld*  
12:30 p.m., Link Auditorium
- 31** 27<sup>th</sup> Annual Robert A. Utterback Memorial Lecture  
*Dr. Flint Beal*  
8:15 a.m., Link Auditorium
- "Identification of Genetic Determinants of Bone Quality"  
*Dr. Weihuan Gu*  
3:30 p.m., Coleman South Auditorium
- 31- 1** UT College of Pharmacy Alumni Weekend  
Marriott Hotel, Knoxville, TN

**November**

- 4** "Pyrogenic Signaling: From the Liver to the Brain"  
*Dr. Clark Blatteis*  
12 p.m., Link Auditorium
- 5** "HIV-1 Protease Inhibitors and Endothelial Dysfunction: Role of Cell Adhesion Molecules and Nitric Oxide"  
*Dr. Khrisna Agrawal*  
12:30 p.m., Link Auditorium
- "Hypertension in Black Populations: New Information?"  
*Dr. Jackson T. Wright, Jr.*  
8 a.m., Coleman North Auditorium
- E. Eric Muirhead Hypertension Research Day  
Presentations from 8 a.m. to 12:15 p.m., Coleman North Auditorium.
- 11** Society for Neuroscience Annual Meeting-No Neuroscience Seminar
- 12** "New concepts for the Pathogenesis of Lupus"  
*Dr. John A. Hardin*  
8 a.m., Coleman North Auditorium